



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Group Art Unit: To Be Assigned

Power et al.

Examiner: To Be Assigned

Appln. No.: 10/667,296

Certificate of Mailing Under 37 C.F.R. §1.8

Filed: September 17, 2003

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 10, 2003.

Title: AUTOMATIC DRILLING SYSTEM

By: \_\_\_\_\_

  
Kim A. Cabello

Date: October 10, 2003

\* \* \* \* \*

**INFORMATION DISCLOSURE STATEMENT**

Attached is Form PTO-1449 listing the enclosed

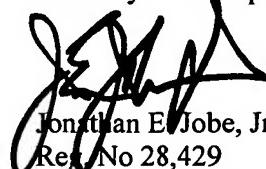
This IDS is being filed within 3 months of the filing date of this application, and hence this IDS must be considered per Rule 97(b)(1).

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Respectfully submitted,

Pillsbury Winthrop LLP



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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office



**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: October 10, 2003

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Atty. Okt. No.	M#	Client Ref.
	061459	303139
Applicant: Power et al.		
Appln. No.: 10/667,296		
Filing Date: September 17, 2003		
Examiner: To Be Assigned		Group Art Unit: To Be Assigned

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
RR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

SR	BOYADJIEFF, George; MURRAY, Dave; ORR, Alan; PORSCHE, Mike; "Design Considerations and Field Performance of an Advanced Automatic Driller" SPE/IADC Drilling Conference; February 19-21, 2003; pp.1 - 11			
TR	YOUNG, Jr., F.S.; "Computerized Drilling Control" J. of Petroleum Technology; April 1969; pp. 483-496			
UR	BRETT, J. F.; WARREN, T.M. and WAIT, D.E.; "Field Experiences with Computer-Controlled Drilling" Society of Petroleum Engineers; March 8-9, 1990; pp. 197 - 212			
VR	FRIMAN, Thorbjorn; "Lidan Brake Servo Systems" Function and principal introduction booklet; May 15, 2002; pp. 1-11			

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.